

## **Oracle 12c RAC Schedule**

### **1. Introduction**

Introduction to cluster

Types of cluster

Components Of Cluster

Hardware requirement for clusters

Define Oracle Real Application

Cluster, List the Advantages of RAC

RAC Architecture & Components

SGA Structures, Background Process

### **2. Oracle 11g RAC Installation,**

Operating System preparation for Rac

,Introduction to Network Hardware,

Private & Public Configuration,

SHMMAX and Semaphores for Oracle 11g RAC,

Groups & Users For Oracle Software ,

Clusters Setup Tasks, Introduction to 12c daemons,

Installing Cluster ready services

Install Database software

### **3. Introduction to ASM**

Adv .Of ASM,11g ASM Enhancements

Parameter used for configure ASM,

Creating ASM Instances & Disk groups ,Requires RAC Database Files

Managing Redo Log groups in RAC Environment



Managing Undo table space in RAC Environment

Parameter used for 11g RAC Database/SP-File management in RAC

Database creation in Rac, Enabling/Disabling Archive Log mode and Flash recovery area

#### **4. RAC Administration with SRVCTL Commands**

Adding ASM Instances

Adding RDBMS Instances Starting and stopping instances and database

Managing service with SRVCTL Commands

Management of OCR & Voting disk

Multiplexing of OCR & Voting Disk

11g Enhancements in cluster where Administration

5. Adding Node in existing RAC

Deleting Node in Existing RAC

#### **6. OCFS(Oracle Cluster File System)**

Introduction to OCFS1 & OCFS2, Adv. Of OCFS2

Installation of OCFS2, Database creation on OCFS using DBCA OEM(Oracle Enterprise Manager)

Introduction to OEM OEM Configuration for RAC database using EMCA,EMCTL

Commands for OEM,11g Enhancements in OEM

#### **7. High Availability Connections configuration**

Configure client side connect -Time load balancing

Configure server side connect -Time load balancing

Configure transparent application failover(TAF)



## **8. RMAN (RECOVERY MANAGER)**

Introduction to RMAN

11g Enhancement in RMAN

Backup and Recovery in RAC through RMAN

Migration RAC (Single instances to multi instances )

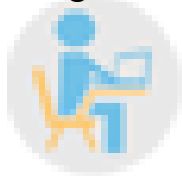
## **9. RAC PERFORMANCE TUNING**

Automatic workload Repository & Automatic database diagnostic monitor in RAC

Determine RAC

specific Tuning

Data guard setup in RAC Environment



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